



Spring 2009 Special Recycling Collection Event Reimbursement Report

1. Project Title:

Federal Way Spring Special Recycling Collection Event

2. Time and Location:

Event Date/Hours: March 21, 2009, 9 am to 3 pm

Event Location: Twin Lakes Park & Ride, S 344th & 21st Ave SW, Federal Way

3. Community Participation Rate:

All residents in the Federal Way area were eligible to participate in the Collection Event. 778 carloads of participants attended the event, with steady traffic.

4. Type and Volume of Materials Collected:

Material Collected	Quantity	Unit	Ave Weight (lbs)	Weight (lbs)	Weight (tons)
Tires - off rim	202	count	20	4,040	-
Tires - on rim	83	count	40	3,320	-
Tires - heavy equipment	0	count	-	0	-
Subtotal tires	-	-	-	7,360	3.68
Lead acid batteries	2,533	pounds	-	2,533	-
Batteries: alkaline	614	pounds	-	614	-
Batteries: Ni-cad / NI-MH	34	pounds	-	34	-
Batteries: lithium ion	22	pounds	-	22	-
Subtotal batteries	-	-	-	3,203	1.60
Motor oil	385	gal	7	2,695	1.35
Oil filters	55	gal	8	440	0.22
Antifreeze	55	gal	8	440	0.22
Gasoline	55	gal	7	385	0.19
CFC appliances	48	count	205	9,852	4.93
Electronic scrap	5,219	pounds	-	5,219	2.61
Compact fluorescents	433	count	0.33	143	-
Fluorescent tubes 8 ft.	21	count	0.75	16	-
Fluorescent tubes 4 ft.	563	count	0.5	282	-
Fluorescent tubes - other	151	count	varies	175	-
Subtotal tubes	1,168	-	-	615	0.31
Yard waste	10.63	tons	-	21,260	10.63
Wood scrap	18.24	tons	-	36,480	18.24
Scrap metal	15.30	tons	-	30,600	15.30
Cardboard	1.43	tons	-	2,860	1.43
Wires and light strands	100	pounds	-	100	0.05
Packing materials	303	pounds	-	303	0.15
Rigid plastic	14	pounds	-	14	0.01
Household goods	12	gaylords	400	4,800	2.40
GRAND TOTAL				126,626	63.3



5. Vendors:

Total Reclaim Seattle, WA	CFC appliances and electronics
Ecolights Seattle, WA	Fluorescent lamps
L&S Tire Lakewood, WA	Tires
Goodwill Tacoma WA	Reusable household goods
Emerald Petroleum Seattle, WA	Used motor oil, oil filters, fuel and antifreeze
All Battery Sales and Service Everett, WA	Lead acid, NiCad and alkaline household batteries
Waste Management Auburn, WA	Scrap metal, bulky yard debris and wood waste
Sutta Company Seattle, WA	Rigid plastic
Holiday Lights Recycling Federal Way, WA	Wires, light strands and packing materials

6. Event Costs:

Item	Vendor	Cost
Electronics and CFC appliances	Total Reclaim	\$2,312.85
Fluorescent lamps	EcoLights Northwest	\$350.00
Tires	L&S Tire	\$501.50
Petroleum products	Emerald Recycling Services	\$2,060.65
Batteries	All Battery Sales and Service	\$481.30
Scrap metal and wood	Waste Management	\$6,838.29
Rigid plastic	The Sutta Company	\$121.55
Event management	City staff	\$2,585.64
Event coordination	City staff	\$237.83
Sweeper services	McDonough & Sons	\$201.66
Portable toilet	Head Quarters	\$81.50
Refreshments	Dumas Bay	\$402.20
Brochure development	Jenny Thuillier Graphics	\$253.00
Supplies	Lowe's	\$20.18
Advertising	Federal Way Mirror	\$90.00
Promotional materials	Priority Print Management	\$49.60
Brochure printing	Color Printing Systems	\$2,519.50
Brochure mailing	US Postmaster	\$3,057.99
Park & ride rental	WSDOT	\$200.00
		\$22,365.24

7. Impact Objectives:

By hosting a special recycling event, Federal Way helped to reduce the amount of potential environmentally damaging materials that might otherwise be disposed or dumped at landfills, storm drains, streams, and similar environmentally sensitive sites in and around Federal Way. Residents brought a total of 63 tons of material to this event or an average of 163 pounds per vehicle. By offering the event, the city successfully diverted these materials from Federal Way's wastestream.

Because of this waste stream diversion, a number of benefits resulted, including reducing potential damage to the environment and possible health risks to area residents and solid waste service personnel. In addition to collecting materials, we provided attendees with information about Wastemobile HHW collection services.